

## CSC 4610 – Laravel Practice 3

In this practice you will be working with the database setup and modeling in Laravel. You must submit your work on Canvas to receive credit.

### Database Setup

#### Structure

First you will need to create a small database in Laravel and set up your database configuration to connect to MySQL. Here is the table structure:

- id: An autoincrementing integer to give each cat an id number
- name: a varchar field with the cat's name
- age: an int field with the cat's age
- breed: a varchar field for the cat's breed\*

\* - Note: In the template I said brand like they are products. You can change the template to say breed instead.

#### Migrations

Use php artisan to setup a migration and model for your table, then once written run it to build the table.

#### Seeder

Create a database seeder that can generate cat records. You may need to make a factory to generate cats as part of the seeder, but this isn't strictly necessary I don't think. Below is a link to a cat of cat breeds if you need help building a list for seeding from.

Cat Breeds: <https://www.purina.com/cats/cat-breeds>

### Database Integration

Next you'll be integrating the basic models to load database content onto your pages.

#### Index Page

For this page you will pull in all the cats and generate cards for them as shown in the template mock ups. Note that the link for the more info should link to /cat/{id} with the id number of the cat.

## Routes

You will likely need to set up another route to handle these cat detail links and capture the id number properly.

## Details Page

On the details page you will need to grab the data for a specific cat and display it on the page. Put the cat's name in a header tag. The rest can be simple paragraphs or fancier if you want to structure it in a nicer way.

## **Final Submission**

For this assignment rather than a copy of your code I would like a walkthrough video of your project setup, blades, and showing me the project running in your browser. Loom is a free tool you can use for this (<https://www.loom.com/>), or you may use another alternative. Please provide a video link and don't upload the video directly.